

# PRECOMMERCIAL THINNING AND PRUNING

## PROJECT SUPPLEMENT

**SUPERVISORY AREA:** Priest Lake

**PROJECT NAME:** Trapper Jack Thin and Prune

**PROJECT NUMBER:** 10-478-112-09

**PROJECT AREA:** 486 Acres

Unit No.	Total Stems Acre	Prunable WP Acre	Species Comp. Percent	Stand Ave. DBH	Ave. Age	Ave. DBH	Ave. Ht.
1	4,885	N/A	WH(29), CE(25), GF(22), DF(11), HW(9), ES(2), WL(1), LP(1)	1.9"	22	5.3"	31'
2	5,309	59	WH(43), CE(34), DF(8), GF(6), WL(6), WP(2), ES(1)	1.1"	17	4.3"	17'
*3	3,125	N/A	LP(77), DF(10), PP(10), WP(1), WL(1), GF(1)	1.7"	13	2.2"	11'
*4	1,817	N/A	LP(87), DF(7), PP(3), WP(1), WL(1), GF(1)	1.4"	12	1.3"	26'
*5	837	N/A	LP(78), PP(17), DF(3), WL(1), GF(1),	1.9"	10	1.5"	10'
6	2,783	N/A	LP(92), PP(3), GF(2), DF(1), WP(1), WL(1)	2.2"	16	3.6"	21'
7	3,040	N/A	WH(53), CE(39), ES(4), AF(2), HW(1), DF(1), GF(1), WP(1)	1.4"	23	4.9"	28'
8	4,395	N/A	WH(42), ES(20), HW(18), CE(11), DF(5), AF(3), WL(1)	1.6"	22	4.5"	25'
9	2,675	N/A	AF(36), ES(18), DF(13), HW(10), WH(8), WL(7), LP(4), WP(4)	1.9"	18	5.8"	29'
10	5,281	N/A	CE(39), HW(36), WH(19), HW(3), GF(2), WP(1), ES(1), DF(1), AF(1)	1.7"	20	5.4"	27'
11	4,979	188	CE(46), WH(36), WP(4), GF(3), ES(3), DF(2), WL(1), LP(1), AF(1)	1.0"	13	3.9"	17"
12	4,450	225	CE(61), WH(12), DF(9), HW(9), WP(5), GF(2), ES(1), WL(1)	1.1"	16	5.4"	26'
13	6,625	125	WH(47), CE(37), ES(5), DF(4), HW(4), WP(2), AF(1),	1.0"	12	4.2"	20'
14	2,438	83	CE(56), WH(22), HW(9), GF(7), WP(4), AF(2)	2.1"	23	5.6"	26'
15	4,100	150	CE(65), WH(21), WP(5), DF(4) WL(2), HW(2), ES(1)	1.1"	17	5.2"	25'
16	3,021	N/A	CE(53), WH(25), HW(8), DF(7), ES(3), AF(2), GF(1), WP(1)	1.7"	18	4.6"	23'
17	4,469	N/A	WH(49), CE(27), DF(8), ES(8), GF(3), AF(3), WP(1), SP(1)	1.2"	21	5.4"	28'
18	4,750	N/A	WH(41), CE(28), HW(16), ES(8), DF(5), AF(2)	1.3"	22	4.5"	25'
19	2,700	300	HW(27), WP(21), DF(14), WL(14), WH(10), CE(9), GF(4), PP(1)	1.5"	17	3.7"	18'

**\*Units 3, 4 and 5 have areas within the unit boundaries that need little or no thinning: Unit 3 has approximately 20 acres, Unit 4 has approximately 8 acres and Unit 5 has approximately 20 acres.**

**FOREST RESOURCE DATA SHEET  
TWO TALL TREES  
PROJECT NO. 21-070-112-09**

1. Endowment: Public School, University of Idaho.
2. Project Acreage: 50 acres
3. Average Stand Age of Dominants: 17 years
4. Average Stand Height: 8 feet
5. Average Stand DBH: 1.45 inches
6. Species Composition of Thinning Unit Before Treatment:  
Unit 1 = WL(50), WP(19), LP(17), DF(07), GF(05), CE(02).  
Unit 2 = WL(33), HW(15), WP(14), DF(13), CE(12), WH(07), GF(05), PP(01).
7. Trees/ Acre to be Cut in Thinning Unit:  
Unit 1 = 2,283  
Unit 2 = 5,114
8. Trees/Acre to be Left in Thinning Unit: 360 trees/acre.
9. Average 10 Year Radial Growth:  
Unit 1 = 1.40  
Unit 2 = 1.84
10. Aspect of Project Area: Southern
11. Slope of Project Area: 0-20%
12. Soil Type: Pend Oreille Idamont
13. Habitat Type: TSHE/XETE

**FOREST RESOURCE DATA SHEET  
CHICKEN FOOT PCT  
PROJECT NO. 21-079-112-09**

1. Endowment: Public School
2. Project acreage: 237 acres
3. Average stand age of dominants: 9 years
4. Average stand height: 6.57feet
5. Average stand DBH: 1.09 inches
6. Species composition of thinning unit before treatment:  
Unit 1 = CE (33%), DF (27%), GF (12%), HW (12%), PP (06%), WL (05%), WP (02%), ES (02%), WH (01%).  
Unit 2 = CE (34%), GF (31%), DF (10%), HW (09%), WH (09%), WL (06%), WP (01%).
7. Trees/acre to be cut in thinning unit:  
Unit 1 = 1,160  
Unit 2 = 2,657
8. Trees/acre to be left in thinning units: 360 trees/acre.
9. Average 10 year radial growth:  
Unit 1 = .64  
Unit 2 = .98
10. Aspect of project area: South, southwest
11. Slope of project area: 15% to 65% (avg. 35%)
12. Soil type: Pearson Creek ashy silt loam(132), Pend Oreille ashy silt loam (136)
13. Habitat type: THSE/CLUN (Tsuga heterophylla/ Clintonia uniflora)

**FOREST RESOURCE DATA SHEET  
DEEP CREEK PCT  
PROJECT NO. 21-080-112-09**

1. Endowment: Public School
2. Project acreage: 70 acres
3. Average stand age of dominants: 15 years
4. Average stand height: 12 feet
5. Average stand DBH: 1.11 inches
6. Species composition of thinning unit before treatment: GF (33%), DF (21%), LP (17%), WH (13%), WL (07%), ES (04%), PP (03%), CE (02%).
7. Trees/acre to be cut in thinning unit: 903
8. Trees/acre to be left in thinning units: 360 trees/acre.
9. Average 10 year radial growth: 0.9 inches
10. Aspect of project area: North and west.
11. Slope of project area: 0% to 70% (avg. 35%).
12. Soil type: Sandy loam
13. Habitat type: THSE/CLUN (*Tsuga heterophylla*/ *Clintonia uniflora*)

**FOREST RESOURCE DATA SHEET**  
**O. K. Thinning**  
**PROJECT NO. 21-081-112-09**

1. Endowment: Public School
2. Project acreage: 80 acres
3. Average stand age of dominants: 17 years
4. Average stand height: 9 feet
5. Average stand DBH: 1.61 inches
6. Species composition of thinning unit before treatment: DF (64%), GF (27%), WH (05%), HW (04%).
7. Trees/acre to be cut in thinning unit: 544
8. Trees/acre to be left in thinning units: 360 trees/acre.
9. Average 10 year radial growth: 0.9 inches
10. Aspect of project area: South, southeast
11. Slope of project area: 0% to 60% (avg. 30%).
12. Soil type: Pend Oreille-Idahomount-Caribouridge, Very sandy with underlying glacial till.
13. Habitat type: THSE/CLUN (*Tsuga heterophylla*/ *Clintonia uniflora*)

PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
Happy Blue Thin  
Project No.: 20-643-112-09

1. Endowment: Public School
2. Project Acreage: Unit 1: 15 acres Unit 2: 20 acres
3. Average Stand Age of Dominants: 15 yrs.
4. Average Stand Height: cut trees: 7 feet  
reserve trees: 17 feet
5. Average Stand DBH: cut trees: 0.9 inches  
reserve trees: 2.4 inches
6. Total Trees per Acre: Unit 1: 5375 Unit 2: 3175
7. Species Composition before Treatment:  
  
Unit 1: GF 34%, WL 25%, DF 22%, HW 8%, CE 6%, WH 3%, WP 2%  
Unit 2: GF 38%, HW 20%, WL 17%, DF 12%, WP 5%, WH 4%, PP 2%, CE 2%
8. Trees per Acre to be cut: Unit 1: 3375 Unit 2: 2142
9. Trees per Acre to be left: 303 (crop trees)
10. Projected Species Composition Following Treatment:  
  
WL 75%, WP 10%, DF 10%, GF 2%, WH 1%, CE 1%, HW 1%
11. Percentage of Crop Trees 6 Inches DBH and larger:  $\leq 1$
12. Average Radial Growth Past 10 Years: 0.7 inches
13. Aspect of Project Area: N - SE
14. Terrain: Slope Range: 0% - 35% Average: 20%
15. Soil Type: Vay gravelly silt loam
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: Western hemlock/queencup beadlelily (TSHE/CLUN) (570)

PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
Two Mile Thin  
Project No.: 20-692-112-09

1. Endowment: Public School
2. Project Acreage: 43 acres
3. Average Stand Age of Dominants: 17 years
4. Average Stand Height: cut trees: 8 feet  
reserve trees: 14 feet
5. Average Stand DBH: cut trees: 1.5 inches  
reserve trees: 2.2 inches
6. Total Trees per Acre: 4732
7. Species Composition before Treatment:  
GF 42%, WH 36%, DF 9%, HW 6%, CE 5%, WP 1%, WL/LP <1% each
8. Trees per Acre to be cut:  $4732(\text{all trees}) - 1183(\text{trees} < 2' \text{ tall}) - 303(\text{crop trees}) = 3246$
9. Trees per Acre to be left: 303 (crop trees)
10. Projected Species Composition Following Treatment:  
GF 45%, WH 25%, CE 10%, DF 10%, WP 5%, WL 3%, LP 2%
11. Percentage of Crop Trees 6 Inches DBH and larger: <2%
12. Average Radial Growth Past 10 Years: 0.65 inches
13. Aspect of Project Area: SW to W to N
14. Terrain: Slope Range: 0 - 15% Average: 10%
15. Soil Type: Vay-Ardtoo association
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: Western hemlock/queencup beadlily (TSHE/CLUN)(570) to  
Douglas fir/ninebark (PSME/PHMA)(260)

PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
2010 Priest River Thin  
Project No.: 20-698-112-09

1. Unit: SD 1
2. Project Acreage: 38 acres
3. Average Stand Age of Dominants: 13 yrs.
4. Average Stand Height: cut trees: 8 feet  
reserve trees: 19 feet
5. Average Stand DBH: cut trees: 1.60 inches  
reserve trees: 3.12 inches
6. Total Trees per Acre: 2967
7. Species Composition before Treatment:  
WP 4.2%, PP, 4.2%, DF 25.1%, WL 9.4%, GF, 23.6%, HW 33.5%
8. Trees per Acre to be cut: 2531
9. Trees per Acre to be left: 436
10. Projected Species Composition Following Treatment:  
WP 15%, PP, 20%, DF 30%, WL 35 %
11. Percentage of Crop Trees 6 Inches DBH and larger:  $\leq 1$
12. Average Radial Growth Past 10 Years: 0.5 inches
13. Aspect of Project Area: Northeast
14. Terrain: Slope Range: 0% - 50% Average: 39%
15. Soil Type: Ardtoo gravelly sandy loam, 35 to 65 percent slopes
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: predominantly grand fir/queencup beadlily (ABGR/CLUN)(520)



PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
2010 Priest River Thin  
Project No.: 20-698-112-09

*Prepared by: [illegible]*

1. Unit: SD 2
2. Project Acreage: 24 acres
3. Average Stand Age of Dominants: 13 yrs.
4. Average Stand Height: cut trees: 20 feet  
reserve trees: 15 feet
5. Average Stand DBH: cut trees: 1.1 inches  
reserve trees: 2.5 inches
6. Total Trees per Acre: 3433
7. Species Composition before Treatment:  
WP 6%, PP 7%, DF 13%, WL 3%, GF 7%, WH 1%, HW 63%
8. Trees per Acre to be cut: 2997
9. Trees per Acre to be left: 436
10. Projected Species Composition Following Treatment:  
WP 14%, PP, 36%, DF 21%, WL 21 %, GF 8%
11. Percentage of Crop Trees 6 Inches DBH and larger:  $\leq 1$
12. Average Radial Growth Past 10 Years: 0.6 inches
13. Aspect of Project Area: Northwest
14. Terrain: Slope Range: 0% - 60% Average: 45%
15. Soil Type: Vay-Arduo association, 35 to 65 percent slopes
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: predominantly grand fir/queencup beadlily (ABGR/CLUN)(520)

PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
2010 Priest River Thin  
Project No.: 20-698-112-09

1. Unit: SD 3
2. Project Acreage: 38 acres
3. Average Stand Age of Dominants: 13 yrs.
4. Average Stand Height: cut trees: 7 feet  
reserve trees: 8 feet
5. Average Stand DBH: cut trees: 1.0 inches  
reserve trees: 1.2 inches
6. Total Trees per Acre: 2519
7. Species Composition before Treatment:  
WP 24%, PP 0%, DF 13%, WL 8%, GF 10%, WH 0%, HW 45%
8. Trees per Acre to be cut: 2083
9. Trees per Acre to be left: 436
10. Projected Species Composition Following Treatment:  
WP 50%, PP, p0%, DF 10%, WL 30 %, GF 10%
11. Percentage of Crop Trees 6 Inches DBH and larger:  $\leq 1$
12. Average Radial Growth Past 10 Years: 0.6 inches
13. Aspect of Project Area: Northeast
14. Terrain: Slope Range: 0% - 60% Average: 39%
15. Soil Type: Ardtoo gravelly sandy loam, 35 to 65 percent slopes
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: predominantly grand fir/queencup beadlily (ABGR/CLUN)(520)

PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
2010 Priest River Thin  
Project No.: 20-698-112-09

1. Unit: FG 2
2. Project Acreage: 13 acres
3. Average Stand Age of Dominants: 18 yrs.
4. Average Stand Height: cut trees: 15 feet  
reserve trees: 23 feet
5. Average Stand DBH: cut trees: 1.8 inches  
reserve trees: 4.0 inches
6. Total Trees per Acre: 1636
7. Species Composition before Treatment:  
WP 3%, PP 7%, DF 33%, WL 13%, GF 22%, LP 1%, HW 22%
8. Trees per Acre to be cut: 1200
9. Trees per Acre to be left: 436
10. Projected Species Composition Following Treatment:  
WP 5%, PP 20%, DF 30%, WL 35 %, GF 10%
11. Percentage of Crop Trees 6 Inches DBH and larger:  $\leq 1$
12. Average Radial Growth Past 10 Years: 0.6 inches
13. Aspect of Project Area: Northwest
14. Terrain: Slope Range: 0% - 60% Average: 35%
15. Soil Type: Vay-Arduo association, 35 to 65 percent slopes
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: predominantly grand fir/queencup beadlelily (ABGR/CLUN)(520)

PROJECT SUPPLEMENT  
FOREST RESOURCE DATA SHEET  
2010 Priest River Thin  
Project No.: 20-698-112-09  
*Consent Plan: 10/1/2010*

1. Unit: NH 3 and NH 4
2. Project Acreage: 51 and 56 acres
3. Average Stand Age of Dominants: 15 yrs.
4. Average Stand Height: cut trees: 17 feet  
reserve trees: 9 feet
5. Average Stand DBH: cut trees: 1.7 inches  
reserve trees: 1.5 inches
6. Total Trees per Acre: 2936
7. Species Composition before Treatment:  
WP 1%, PP 0%, DF 7%, WL 1%, GF 41%, WH 3%, CE 2%, LP 1%, HW 44%
8. Trees per Acre to be cut: 2500
9. Trees per Acre to be left: 436
10. Projected Species Composition Following Treatment:  
WP 1%, DF 5%, WL 2 %, GF 85%, WH 2%, CE 5%,
11. Percentage of Crop Trees 6 Inches DBH and larger:  $\leq 1$
12. Average Radial Growth Past 10 Years: 0.6 inches
13. Aspect of Project Area: Northeast
14. Terrain: Slope Range: 0% - 60% Average: 35%
15. Soil Type: Ardtoo gravelly sandy loam, 35 to 65 percent slopes
16. Insect Activity: None noted
17. Disease Conditions: Endemic
18. Habitat Type: predominantly grand fir/queencup beadlily (ABGR/CLUN)(520)

**FOREST RESOURCE DATA SHEET  
CEDAR MOUNTAIN SLASHING  
PROJECT NO. 22-036-704-09**

1. Endowment: Public School, University of Idaho.
2. Project Acreage: 195 acres
3. Average Stand Height: 12 feet
4. Average Stand DBH: 3.45 inches
5. Species Composition (percentage) of Thinning Unit Before Treatment:  
Conifer (76); Hardwood (24)
6. Trees/ Acre to be Cut by Size Class in Thinning Unit:  
Conifer = 1"-2" (86.6); 3"-4" (55); 5"+ (11.6)  
Hardwood = 1"-2" (8.3); 3"-4" (3.3); 5"+ (18.3)
7. Aspect of Project Area: Northern
8. Slope of Project Area: 25-50%
9. Soil Type: Spokane-Moscow Association (loams)
10. Habitat Type: TSHE/ASCA

**COAL CREEK THINNING  
FM# 31-045-112-09  
DATA SHEET**

1. Endowment: 78% Public Schools, 22% Capital Improvement
2. Project Acreage: 160 Acres
3. Average Stand Age of dominants: 20 years
4. Average Stand Height: 10-15 foot range
5. Average Stand DBH: 3 inches
6. Species Comp (%): ALL WH(41)GF(35)CE(16)DF(4)LP(1)  
PP,WP&WL(<1)  
UNIT 1 WH(59)GF(21)CE(20)  
UNIT 2 CE(50)WH(25)GF(20)WP(3)LP(2)  
UNIT 3 WH(55)GF(31)CE(6)DF(6)PP(2)  
UNIT 4 GF(67)WH(20)DF(6)CE(4)WL(2)WP(1)  
UNIT 5 GF(44)WH(26)DF(15)CE(11)WP(4)  
UNIT 6 WH(43)GF(34)CE(16)LP(4)DF(3)
7. Trees/ Acre To be Cut: 2,948
8. Trees/ Acre to be Left: 250
9. Percentage of crop Trees  
6 inch DBH and larger: 2% (64 TPA)
10. Average Radial Growth  
(Past ten ears): 2.5
11. Aspect of project Area: W-NW
12. Terrain: 45% Average Slope
13. Soil Type: Silt Loam
14. Insect Activity: None
15. Disease Conditions: White pine Blister Rust, Mistletoe
16. Habitat Type: TSHE CLUN/ TSHE ASCA

**ANTICIPATED PROBLEMS:** NONE

## PROJECT SUPPLEMENT

### 2009 Floodwood PCT FM #30-555-112-09

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>
1. Project Acreage:	135	220	192
2. Treatment Type:	Thin	Thin	Thin
3. Stand Age (Years):	15	17	30
4. Average Stand Height:	24'	26'	30'
5. Average Stand DBH:	3.0"	3.0"	4.0"
6. Average Thinned DBH:	X	X	X
7. Total Trees/Acre:	2,687	4,812	730
8. Trees/Acre to Treat:	2,384	4,509	427
9. Percentage of Treatment Size Trees $\geq$ 6" DBH:	5	5	5
10. Species Composition (%):	GF(65),CE(29) DF(5),WL(1)	GF(97),CE(1) DF(1),WL(1)	GF(66),CE (24),DF(7) WL(1),WH (1), ES(1)
11. Average 10 Year Radial Growth:	1.8"	1.3"	1.3"
12. Aspect of Project Area:	E	N	S
13. Slope:	10%-40%	10%-65%	40%-60%
14. Soil Type:	Garnet-Mica Schist	Garnet-Mica Schist	Silt Loam
15. Insect Activity:	Light	Light	Light
16. Disease Conditions:	Minimal	Minimal	Minimal
17. Habitat Type:	THPL/ASCA	THPL/ASCA	ABGR/LIBO
ANTICIPATED PROBLEMS:	4-wheeler access may be necessary.		

	<u>Unit 4</u>	<u>Unit 5</u>
1. Project Acreage:	100	89
2. Treatment Type:	Thin	Thin
3. Stand Age (Years):	20	17
4. Average Stand Height:	25'	19'
5. Average Stand DBH:	3.0"	2.0"
6. Average Thinned DBH:	X	X
7. Total Trees/Acre:	1,914	2,208
8. Trees/Acre to Treat:	1,611	1,905
9. Percentage of Treatment Size Trees $\geq$ 6" DBH:	2	2
10. Species Composition (%):	GF(71),CE(18) DF(5),WP(3) WL(3)	GF(74),CE(19) DF(7)
11. Average 10 Year Radial Growth:	1.5"	1.5"
12. Aspect of Project Area:	N	E
13. Slope:	0%-30%	5%-45%
14. Soil Type:	Silt Loam	Silt Loam
15. Insect Activity:	Light	Light
16. Disease Conditions:	Minimal	Minimal
17. Habitat Type:	ABGR/LIBO	THPL/ASCA
ANTICIPATED PROBLEMS:	None	None



# PROJECT SUPPLEMENT

## Gramp Thin & Prune FM #30-556-112-09

		<u>Payment Unit 1A</u>	<u>Payment Unit 1B</u>	<u>Payment Unit 2</u>	<u>Payment Unit 3</u>	<u>Averages</u>
1.	Project Acreage:	153	55	19	18	Total: 245
2.	Treatment Type:	---	---	---	---	Thin/Prune
3.	Stand Age (Years):	19	19	20	17	18.75
4.	Average Stand Height:	25 ‘	23 ‘	19’	15’	20.5’
5.	Average Stand DBH:	3.8 “	4.0 “	3.8”	2.3”	3.5”
6.	Average Thinned DBH:	3.5”	3.5”	2.0”	2.3”	2.8”
7.	Total Trees/Acre:	1,450	1,700	2,050	1,433	1,658
8.	Trees/Acre to Treat:	1,090	1,340	1,690	1,073	1,279
9.	Percentage of Treatment Size Trees ≥ 6” DBH:	<1	5	2	7	X
10.	Species Composition (%):	GF(55),CE(23) DF(13),WP(8) H(1)	GF(32),CE(42) DF(26)	DF(35.4),GF(31.7) WP(17.1),CE(4.9) LP(4.9), H(3.7) WL(2.4)	GF(53),CE(20) DF(16),WL(5) H(3),LP(2),WP(1)	X
11.	Average 10 Year Radial Growth:	0.95”	0.95”	0.95”	1.0”	0.96”
12.	Aspect of Project Area:	E or NW	S or SW	S	NE	X

	<u>Payment Unit 1A</u>	<u>Payment Unit 1B</u>	<u>Payment Unit 2</u>	<u>Payment Unit 3</u>	<u>Averages</u>
13. Average Slope:	35%	35%	30%	30%	33%
14. Soil Type:	X	X	X	X	Silt Loam
15. Insect Activity:	X	X	X	X	Light
16. Disease Conditions:	X	X	X	X	Light
17. Habitat Type:	X	X	X	X	TSHE/CLUN
18. Endowment	PS(100%)	PS (100%)	PS (100%)	PS (58%) CI (42%)	X
ANTICIPATED PROBLEMS:	ATV access may be necessary due to narrow roads and brush in Payment Unit 1.		None	None	

## FOREST RESOURCE DATA

**PROJECT NAME:** Lost Price

**PROJECT NUMBER:** 50-344-132-09

**ENDOWMENT:** Public School 21% / School of Science – 79%

**PROJECT ACRES:** 355

**AREA HISTORY:** Unit 1 is an isolated parcel located in a frost pocket. Units 2 and 3 are located within the Lost Valley timber sale (TS-50-3583) which was harvested in 2008. Unit 4 occupies portions of the Priceline timber sale (TS-50-3527). This project consists of four units, the first three are cull tree removals located within or immediately adjacent to recent timber sales, the fourth unit is a slashing project located within a recently harvested timber sale. The project areas main land use is timber management, the secondary use is grazing.

### **FOREST RESOURCE DATA:**

1. Trees/Acre  
Current: Average 392  
Cut: Average 334  
Leave: 58
2. Average d.b.h.  
Cut: 1.8"  
Leave: 3.0"
3. Average Sub-merchantable Height:  
Cut: 10'  
Leave: 16'
4. Species Composition: GF (40%), LP (30%), PP (15%), DF (10%), ES (5%)
5. Slope: 5-32% Average 15%
6. Aspect: N, NE
7. Elevation: 5,040'
8. Habitat Type: ABGR/VAGL
9. Disease and Insect Activity: Insect activity is minimal. Light to moderate levels of mistletoe can be found in the western larch and Douglas-fir primarily. Gall rust in the lodgepole pine is moderate. Operations may begin after July 15 in Units 1-3 in order to reduce the impact that ips beetles will have on the ponderosa pine and lodge pole pine slash created.
10. Hazard Plan: All roads and fuel breaks within and adjacent to the thinning units will be kept free of thinning slash. Any felled material protruding over cut and fill banks or onto road rights-of-way will be required to be remove.

## FOREST RESOURCE DATA

PROJECT NAME: Yockwah PCT

PROJECT NUMBER: 50-353-112-09

ENDOWMENT: SS - 100%

PROJECT ACRES: 274

AREA HISTORY: The project area was burned by wildfire in the summer of 1994. The area was planted in the spring of 1996 at a 10' x 10' (436 TPA) spacing with WL, PP, LP and DF.

### FOREST RESOURCE DATA:

- |                                    | <u>Units 1 and 2</u>   |
|------------------------------------|--|
| 1. Trees/Acre                      |  |
| Current:                           | 561  |
| Cut:                               | 367  |
| Leave:                             | 194  |
| 2. Average d.b.h.                  |  |
| Cut:                               | 1.8"   |
| Leave:                             | 2.6"   |
| 3. Average Submerchantable Height: | 8.6'   |
| 4. Species Composition:            | LP(51%), DF(14%), WL(14%), GF(8%), ES(8%), PP(3%), AF(2%)  |
| 5. Slope:                          | 10-30%   |
| 6. Aspect:                         | West   |
| 7. Elevation:                      | 5800'-6000'  |
| 8. Habitat Types:                  | ABGR/VAGL  |
| 9. Disease and Insect Activity:    | Western gall rust, dwarf mistletoe, wooly adelgid.   |
| 10. Hazard Plan:                   | All roads within and adjacent to the thinning units will be kept free of thinning slash. Any felled material protruding over cut banks onto road rights-of-way requires removal. |

PROJECT SUPPLEMENT  
PROJECT NUMBER 50-354-132-09  
Not Flat Cull Tree Removal  
Forest Resource Data

Unit 1 was an overstory removal in a lodgepole stand. There are still larger trees but they are pretty widely spaced. The trees to be cut are on the small side and the density is mostly above the average for this project.

Units 2-6 This is not a plantation or any thing like one. The area was logged in the 1970's and again in 2005-7. There is a significant amount of overstory left. The trees to be removed are mostly natural regen from the 1970's cut. North facing slopes are generally somewhat overstocked and have some tall brush with the small trees although as you get closer to the creek bottoms there are often very few small trees at all. More south facing slopes tend to be clumpy but have many fewer excess trees per acre. There is not a lot of slash but there are some concentrations.

The following stand data applies to the understory of this two-storied stand unless otherwise specified.

Average stand age: Crop trees to be released are in the 15-40 year age range.  
Overstory trees are mostly in the 50-100 year range.

Trees per acre:	total (<8"dbh)	894
	cut	799
	leave	96
	living culls (>8" dbh)	2
	overstory (>8" dbh)	30-35
Average dbh:	cut	1.6"
	leave	5.4"
	living cull (>8"dbh)	10"
Average height	cut	6'
	leave	30'
	living cull (>8"dbh)	40'

Cut species composition: DF 40%, LP 27%, GF 23%, other 10%

Slope: 0-60%, 30% average

Aspect: All aspects are present, land faces generally west northwest.

Elevation: 5030' – 6010'

PROJECT SUPPLEMENT  
PROJECT NUMBER 50-132-355-09  
ERL Cull Tree Removal  
Forest Resource Data

This is not primarily a plantation or anything like one. The area was logged in the 1960's and again in 2000. There is an overstory left. The trees to be removed are mostly natural regen from the 1960's cut. They are unevenly distributed. Logging slash remaining on the ground should not be an issue. There are several very small ponderosa pine plantations within the project area that will be thinned along with the rest.

The following stand data applies to the understory of this two-storied stand unless otherwise specified.

Average stand age: Crop trees to be released average 34 years.  
Overstory trees are mostly in the 50-100 year range.

Trees per acre:	total (<8" dbh)	235
	cut	195
	leave	40
	living culls (>8" dbh)	4
	overstory (>8" dbh)	20-25

Average dbh:	cut	1.9"
	leave	3.2"
	living cull (>8" dbh)	15"

Average height	cut	12'
	leave	20'
	living cull (>8" dbh)	55'

Cut species composition: GF 54%, DF 27%, LP 10%, PP 8%, other 1%

Slope: 0-46%, 30% average

Aspect: All aspects are present, land faces generally east.

Elevation: 5700' – 6570'

## FOREST RESOURCE DATA

PROJECT NAME: Jug PCT

PROJECT NUMBER: 50-356-112-09

ENDOWMENT: PS - 100%

PROJECT ACRES: 24

AREA HISTORY: These lands were part of a land exchange with the Payette National Forest in 1986. All of these units were clear cut, burned and planted with Englemann spruce, western larch and lodgepole pine prior to the state receiving ownership.

### FOREST RESOURCE DATA:

1. Trees/Acre  
Current: 1200  
Cut: 978  
Leave: 222
2. Average d.b.h.  
Cut: 1.6"  
Leave: 3.8"
3. Average Submerchantable Height:  
10.8'
4. Species Composition: LP(48%), WL(46%), ES(3%),  
GF(2%), AF(1%)
5. Slope: 0-20%
6. Aspect: NE, NW
7. Elevation: 6500'-6700'
8. Habitat Types: ABLA/VAGL
9. Disease and Insect Activity: Western gall rust, dwarf mistletoe, wooly adelgid.
10. Hazard Plan: All roads within and adjacent to the thinning units will be kept free of thinning slash. Any felled material protruding over cut banks onto road rights-of-way requires removal.